



# E951

TECHNICAL DATASHEET

The E951 is a high quality, low-cost solution to replace existing sodium discharge and compact fluorescent luminaires on minor roads.

Coming in 12, 24 or 64 LED versions, it is DarkSky Approved and Contractor Friendly to provide peace of mind.

This luminaire complies with the ETL guidelines for White Light Emitting Diode Lighting Units and is eligible for the Enhanced Capital Allowance (ECA) scheme.

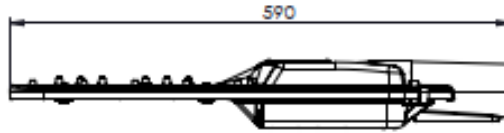
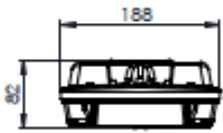


## SPECIFICATION

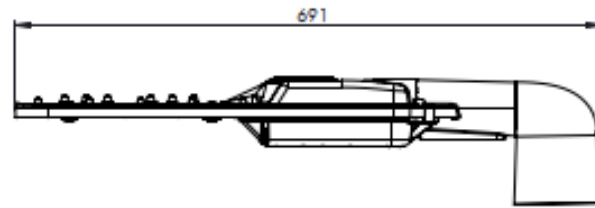
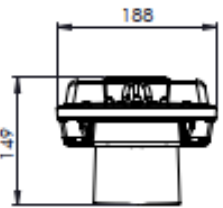
Light Source	High Power LEDs		
Number of LEDs	12	24 HE	64
Power Consumption	9 - 60W	11 - 58W	20 - 98W
Correlated Colour Temperature	4000K, 3000K, 2700K	4000K, 3000K, 2700K, 2200K	4000K, 3000K, 2700K
Glare Class	Up to G4	Up to G3	Up to G6
Colour Rendering Index	> 70		
Optical Cover	PMMA or PC Lenses	PMMA or PC Lenses	Glass optic cover
Luminaire Luminous Flux	1200 ~ 6660 lm	1511 ~ 9338 lm	3100 ~ 15300 lm
Luminaire Efficacy	Up to 143 lm/W	Up to 167 lm/W	Up to 168 lm/W
Electrical Class	I or II	I	I or II
Control System Input	DALI		
Lumen Maintenance Output	L90 100,000 hours (1500mA, Ta = 15°C)	L9 > 100,000 hours (1200mA, Ta = 25°C)	L89 100,000 hours (1050mA, Ta = 25°C)
Driver Current	200mA ~ 1500mA	200mA ~ 1200mA	200mA ~ 1050mA
Surge Protection	10kV Com. Mode 6 kV Diff. Mode to IEC 61000-4-5		
Dimming Control	Multi step dimming		
Lighting Regulation	Mini Photocell, 7-pin ANSI NEMA Socket, Zhaga book 18 socket(s), Wireless CMS options		
Operating Temperature	-40°C to +40°C	-40°C to +30°C	-40°C to +40°C
Installation Height	4-8m	5-12m	6-12m
Installation	SE Ø 34-42mm, PT Ø 76mm with fixed adapter	SE Ø 34-42mm or Ø42-60mm PT Ø 24-60mm or Ø60-76mm	SE Ø 34-42mm, PT Ø 76mm with fixed adapter.
Installation with adjustable adapter	12 = SE Ø 34-42mm, PT Ø 42-60mm, PT Ø 60-76mm, SE +/- 15°, PT +15°/-5° all in 5°steps 64 = SE Ø 34-42mm and Ø 42-60mm, PT Ø 60-76mm, SE +/-15°, PT +15°/-5° all in 5°steps		
Material Top	High pressure die cast aluminium		
Material Bottom	Plastic or aluminium (only aluminium ENEC approved)		
Finish	LM6 aluminium (Polyester powder coat RAL7035 standard)		
Colours	Optional polyester powder coat in other RAL colours		
Ingress Protection	IP66		
Projected Area	0.0295m <sup>2</sup>		0.049m <sup>2</sup>
Wind Area (SCx)	0.0165m <sup>2</sup>	0.0295m <sup>2</sup>	0.017m <sup>2</sup>
Weight	4.6kg	4.6kg	4.5kg

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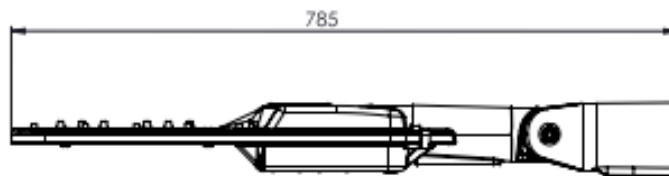
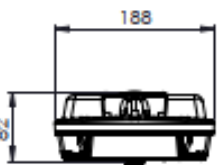
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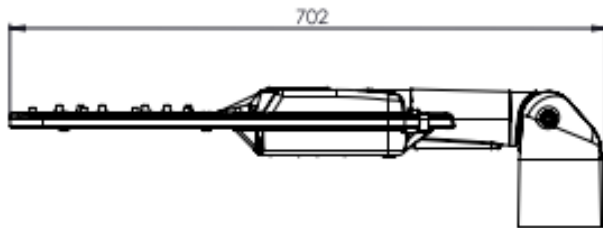
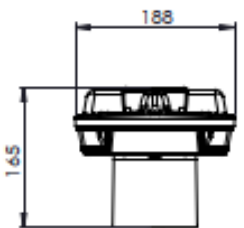
42mm Side Entry Spigot



76mm Post Top Spigot



42mm Adjustable Spigot



76mm Adjustable Spigot

Available accessories :-

External shields, front, back and sides

Adjustable spigots